



Unclassified

COE Production Engineering Status

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COE Release 4.5 (1)

- **Release date: 5 October 2001**
- **CD content: Kernel 4.2.0.5, ICSF 4.5.0.0, other approved segments**
- **Separate CDs for each OS (Solaris 7, Solaris 8, HP-UX 11.0, Windows NT, Windows 2000)**
 - **Segments that run on multiple OSs will be included on multiple CDs**
 - **Windows 2000 includes support for Professional, Server, and Advanced Server**



COE Release 4.5 (2)

The release will include supplemental kernel CDs containing Kernel 4.2.0.0 (Solaris 7/8, NT), 4.2.0.3 (HP-UX 11.0, Windows 2000 Professional), and Kernel Patch 4.2.0.0P5 for all OSs

- Use these kernels to upgrade from an earlier kernel, then apply the kernel patch to bring the system up to the 4.2.0.5 level**
- Note: Neither 4.2.0.0 nor 4.2.0.3 can be installed on Pentium 4 machines**



COE Release 4.5 (3)

- **The 5 October CDs will include segments approved as of the CD creation date**
 - **They will not include segments that went out on the 4.4 CDs if newer versions of these segments have been delivered but not yet approved**
- **A second set of CDs will be sent out in November. They will contain segments that were approved too late to be included on the initial CDs.**



COE Release 4.5(4)

- **All segments will be made available on DADS as they are approved**
- **COE 4.5 consists of all segments approved between 5 October 2001 and 4 April 2002**



Recent Deliveries

- **ICSF 4.5.0.0**
- **JMTK 4.5.0.0**
- **SSAFAP 4.4.0.0**
 - **SSAF-enabled ftp and telnet**
- **PRINTC, PRINTD, PRINTS, PRTSDK 4.4.0.0**
 - **Supports Windows printing on Unix printers**
- **PATCHK 4.4.0.0**
 - **Solaris patch check tool**



Solaris interim version support

- **Proposal: Each year, COE Engineering developers and testers will move forward to the most current Solaris 8 version immediately following the October release**
 - **The kernel IP will be redelivered documenting the OS installation procedures**
 - **Since it appears that the update install cannot be easily packaged, we assume that systems will be supporting machines with a variety of OSs**
- **After 4.5, COE Engineering will move to the 07/01 version of Solaris 8**



Updated CDR Questions

<http://diicoe.disa.mil/coe/coeeng/cdr/CDR.htm>

- **New topics include:**
 - **Section 508 compliance**
 - See <http://section508.gov/> for background and <http://www.itic.org/policy/vpat.html> for assessment templates
 - **Support for remote silent installation (provide a configuration file for options so that no dialog boxes are required)**



Section 508 Compliance Issues

- **Vendors are unwilling to address Section 508 compliance, citing legal concerns**
- **Systems need to work with their legal & procurement offices to understand their Service/Agency requirements. Differing application of the exemptions may impact the ability to field GOTS components.**
 - **What if Army does not make CMP Section 508 compliant but Navy needs it to be compliant?**
- **COE Engineering will pass along any accessibility information provided by vendors**



I&RTS 4.2/UIS 4.1

- **New content:**
 - **Windows 2000**
 - **Section 508**
 - **J2EE**
 - **Directory Services**
- **Updated Content**
 - **Security**
 - **Kernel implementation**
- **Draft due to COE Engineering Office in early October; after review and update, the draft will be made available to the AOG**



Solaris Patch Check Tool

(1)

- **Sun has a new tool for checking the patch level of a machine**
- **The tool is being provided as PATCHK 4.4.0.0**
- **OS Patch Segments will check for the tool's existence. If it exists, they will use it.**
- **PATCHK UM contains information on how to integrate with system-unique patch segments**
- **COE Engineering is evaluating similar tools for Windows (HFCHK 4.5.0.0) and HP-UX**



Solaris Patch Check Tool (2)

- **Enables administrators to examine a profile of the patches installed on their Solaris system against the most current profiles available from Sun with respect to latest revisions, recommended patches, security patches, year 2000 patches, other patches relevant to the software environment**
- **Results of PATCHK can help a system administrator quickly determine and analyze the need for applying additional patches or newer revisions of existing patches**
- **PATCHK provides patch profile information but does not deliver and apply patches**



Solaris Patch Check Tool

Sample Output (1)

===== WARNING =====

The date of the cross-reference (patchdiag.xref) file is Jul/09/01, while the date reported by your system is Aug/20/01. Processing of this program will continue, but you may have an out-of-date cross-reference file. If you are not sure that you have the most up-to-date cross-reference file, please visit

[http://sunsolve.Sun.COM/private-cgi/patchDownload.pl?
target=patchdiag.xref&method=H](http://sunsolve.Sun.COM/private-cgi/patchDownload.pl?target=patchdiag.xref&method=H)

or

<ftp://sunsolve.sun.com/pub/patches/patchdiag.xref>
to retrieve it, and run this program again.

=====

processing...

=====

System Name: apollo SunOS Vers: 5.8 Arch: sparc

Cross Reference File Date: Jul/09/01

Patch Check Version: 1.1

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Solaris Patch Check Tool

Sample Output (2)

INSTALLED PATCHES

Patch ID	Installed Revision	Latest Revision	Synopsis
108434	02	01	SunOS 8: Shared library patch for C++
108528	09	08	SunOS 5.8: kernel update patch
108569	04	05	X11 6.4.1: platform support for new hardware
108605	12	15	SunOS 5.8: Creator 8 FFB Graphics Patch
108606	08	10	SunOS 5.8: M64 Graphics Patch
108609	01	CURRENT	SunOS 5.8: Buttons/Dials Patch
108623	02	CURRENT	SunOS 5.8: Thai Wordbreak Iterator module
108652	35	CURRENT	X11 6.4.1 Xsun patch

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Solaris Patch Check Tool

Sample Output (3)

UNINSTALLED RECOMMENDED PATCHES

Patch	Ins	Lat	Age	Require	Incomp	Synopsis
ID	Rev	Rev		ID	ID	
109221	N/A	06	206	108993-01		Obsoleted by: 109318-12 SunOS 5.8: Patch for sysidnet
109951	N/A	01	368			SunOS 5.8: jserver buffer overflow
.						

.UNINSTALLED SECURITY PATCHES

NOTE: This list includes the Security patches that are also Recommended

Patch	Ins	Lat	Age	Require	Incomp	Synopsis
ID	Rev	Rev		ID	ID	
108979	N/A	10	278	108528-03		Obsoleted by: 108528-04 SunOS 5.8: platform nexus, I2C, Netra ct a
.						



Solaris Patch Check Tool

Sample Output (4)

UNINSTALLED Y2K PATCHES

NOTE: This list includes the Y2K patches that are also Recommended

Patch	Ins	Lat	Age	Require	Incomp	Synopsis
ID	Rev	Rev		ID	ID	

All Y2K patches installed!

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